



MULTI-PURPOSE BOMB RACK (MPBR)

Overview

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Comm:



Agenda

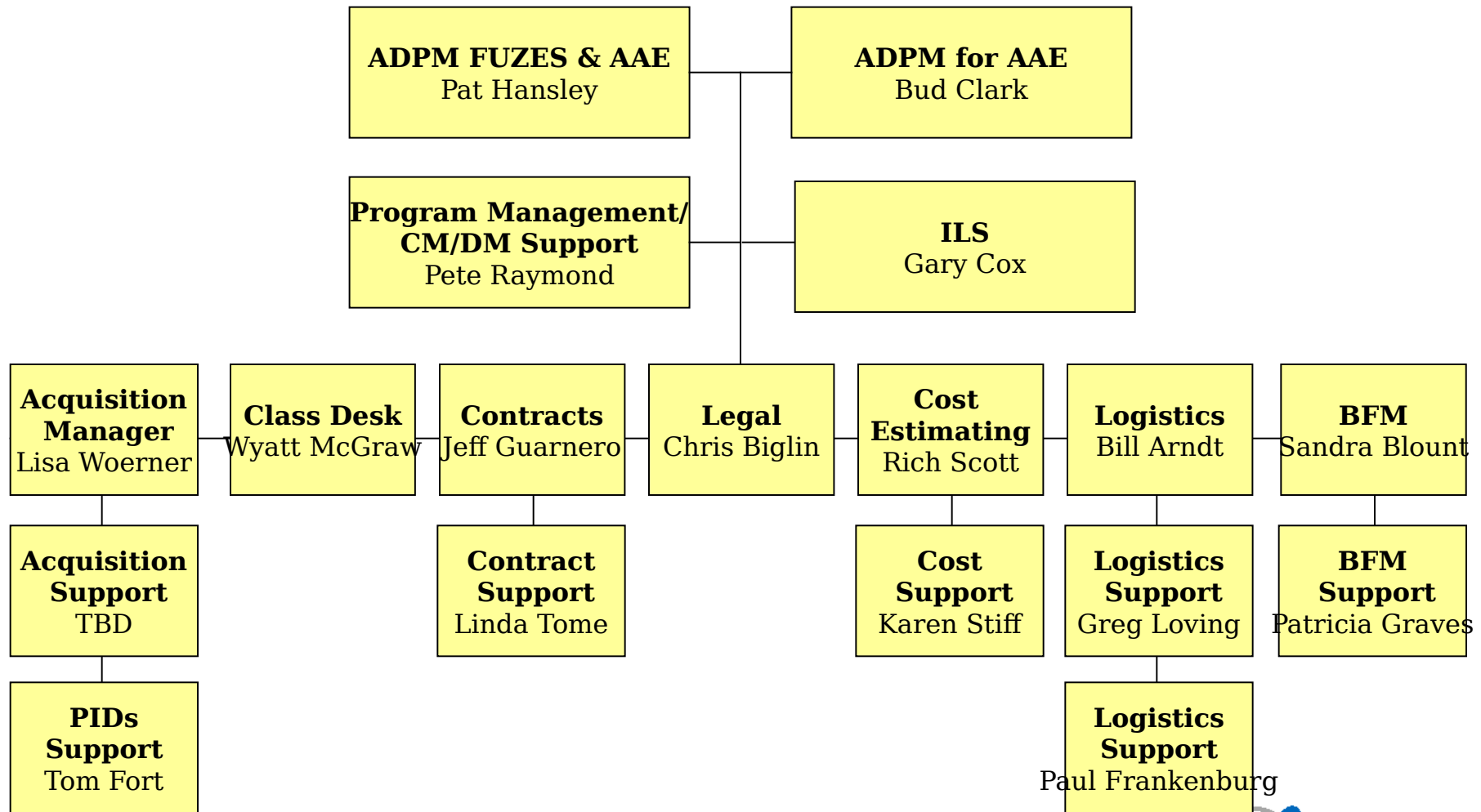


- **Background**
- **Current AAE**
- **What is MPBR?**
- **Contract Schedule**
- **Conclusion**



MPBR IPT

(Govt)



Background



F/A-18
C/D



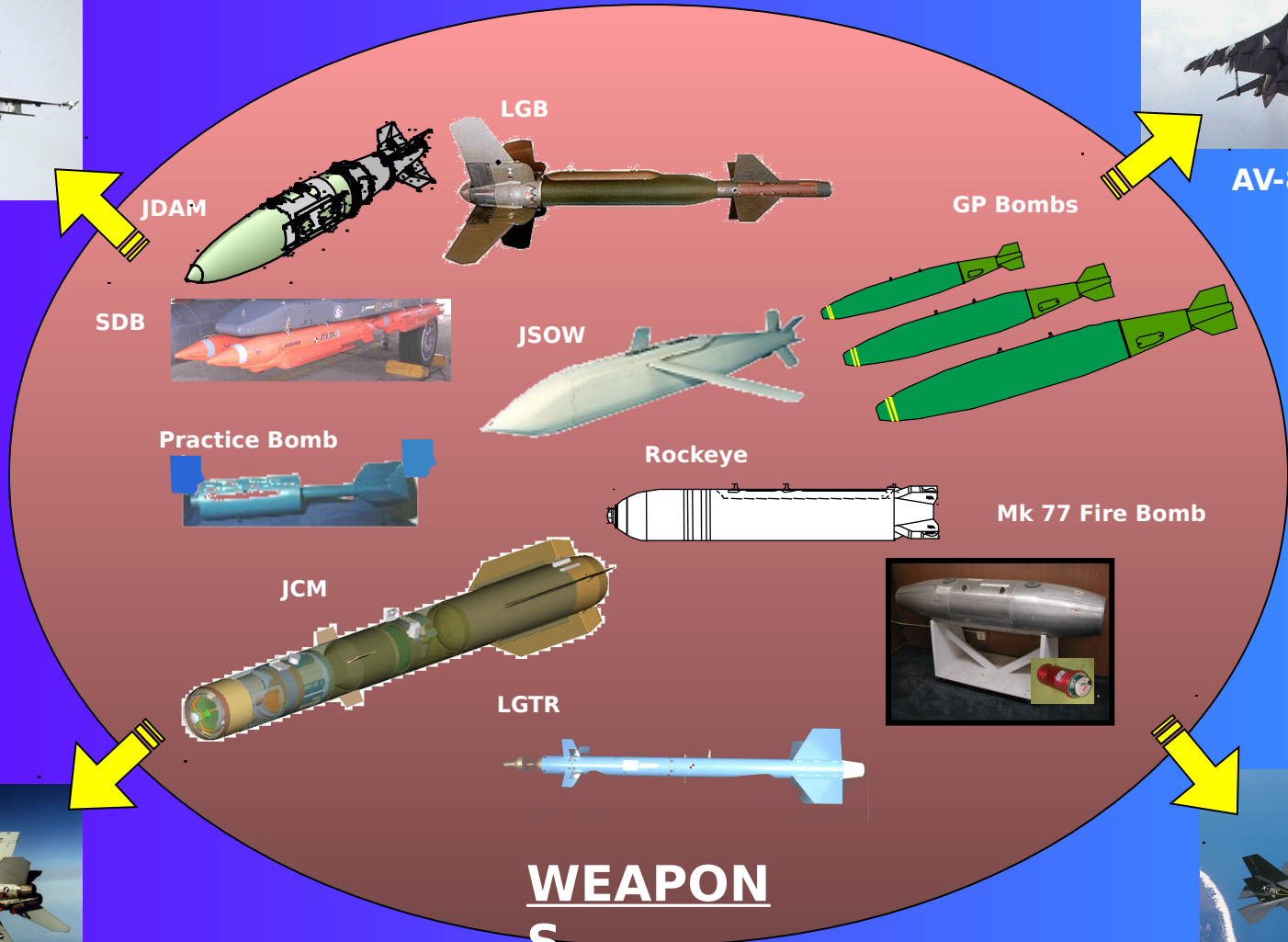
AV-8B



F/A-18
E/F



F-35 B/C



WEAPON
S

**How are these weapons
used?**



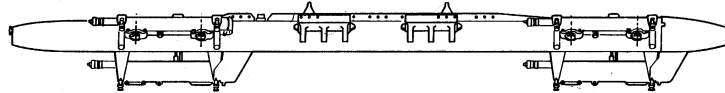
Current AAE Picture



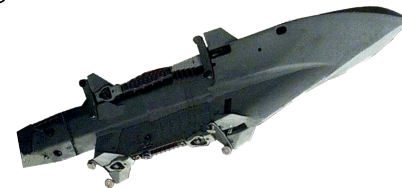
BRU-33



BRU-55/A



BRU-41 (IMER)



BRU-42 (ITER)

Replace with.....



MPBR



Multi-Purpose Bomb Rack (MPBR) Main Req



**BRU-33/41/42/55 Weapon
Carriage Capabilities**

**No aircraft
OFP Changes**

**Non-Pyrotechnic
Ejection Source**



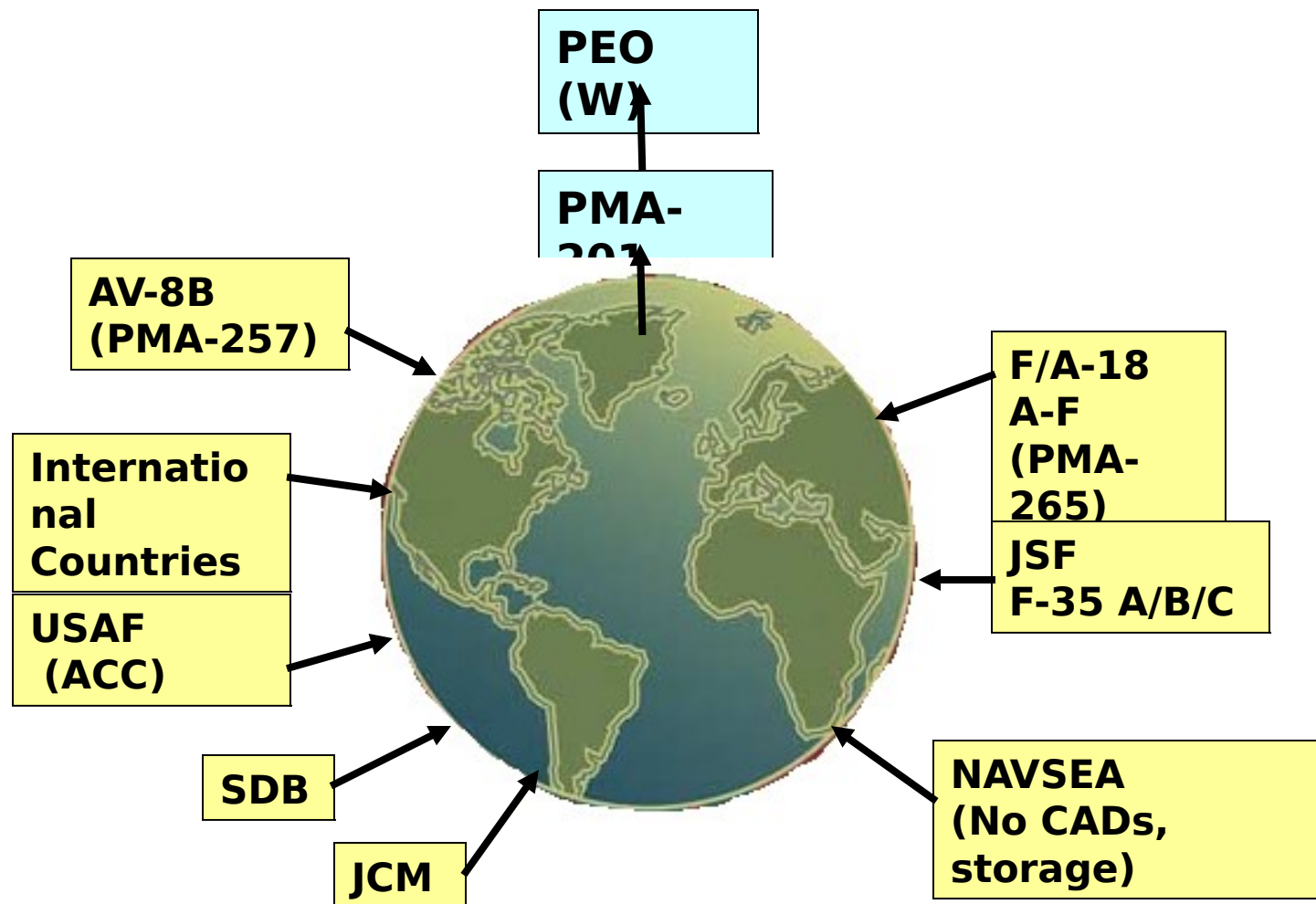
MPBR

1760 Aircraft Interface

**Same as BRU-33 OML and
EOS Velocity**



MPBR Players?



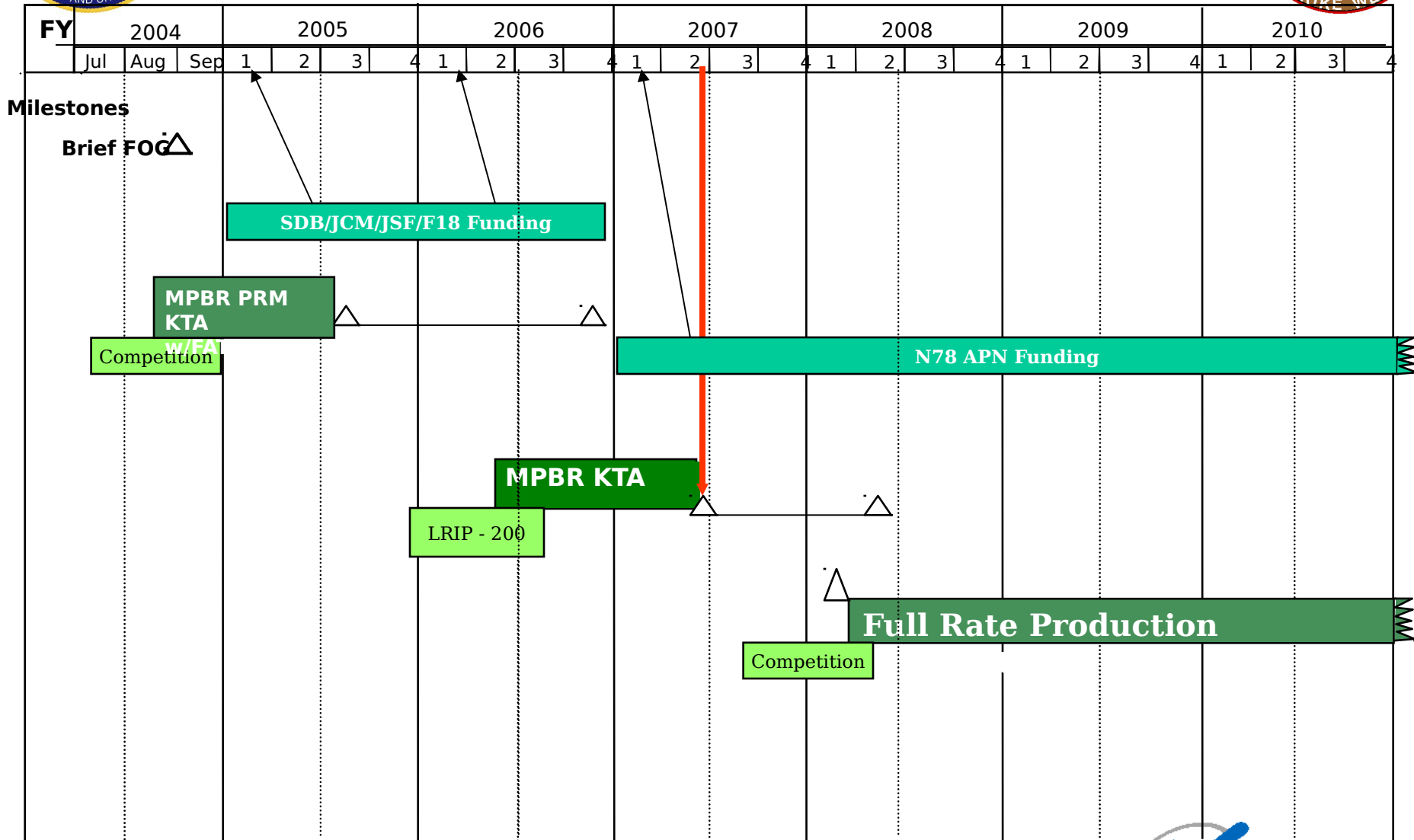


MPBR Acquisition

- BRU-33 Product Improvement
- POM-07 USN Initiative
- ICD Drafted
- N78 Support
- TYCOM Priority List #5
- PBS Drafted



MPBR Contract Master Schedule



09/09/16

MPBR Industry Day
Brief





Questions

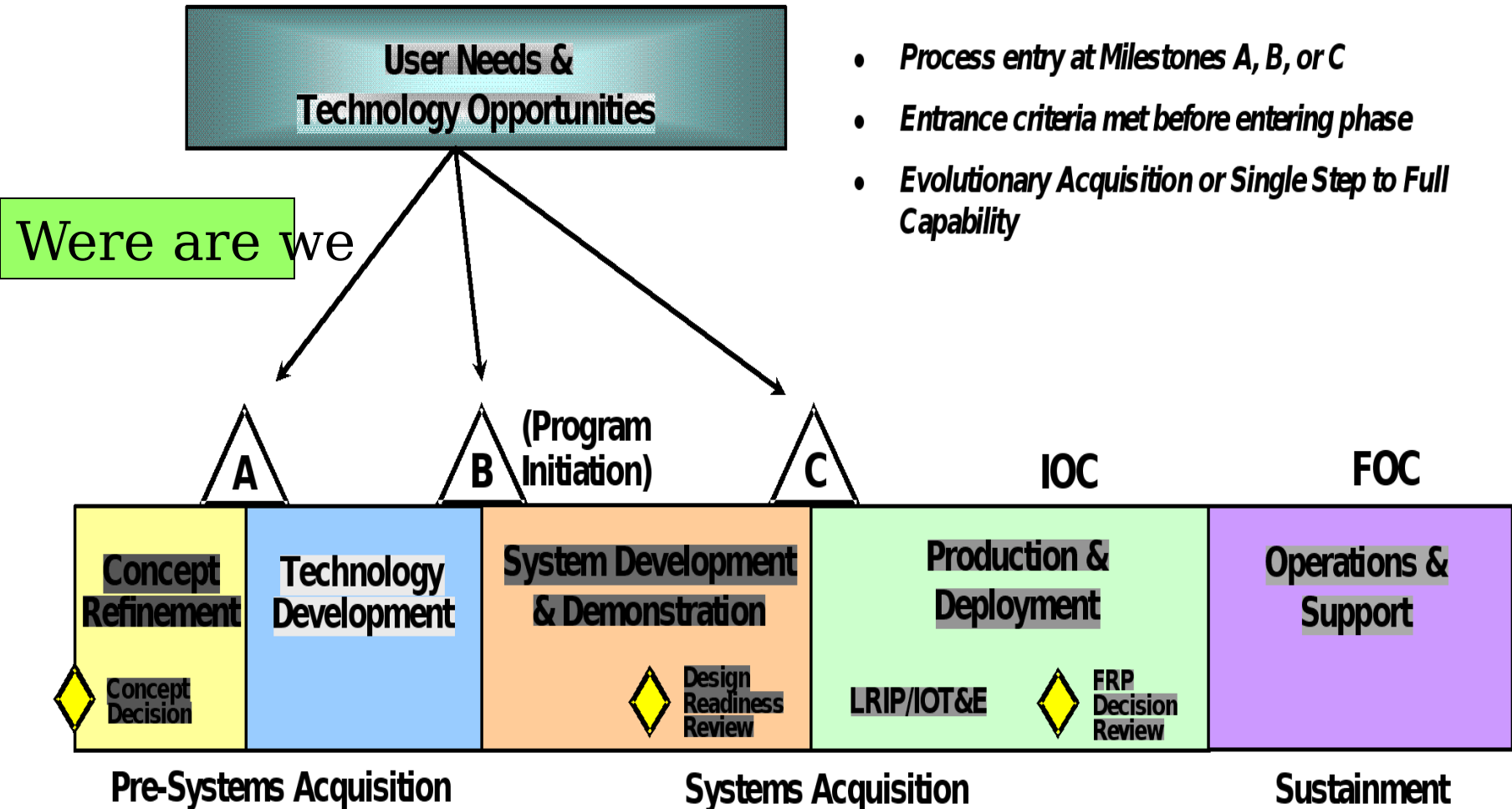




Backups

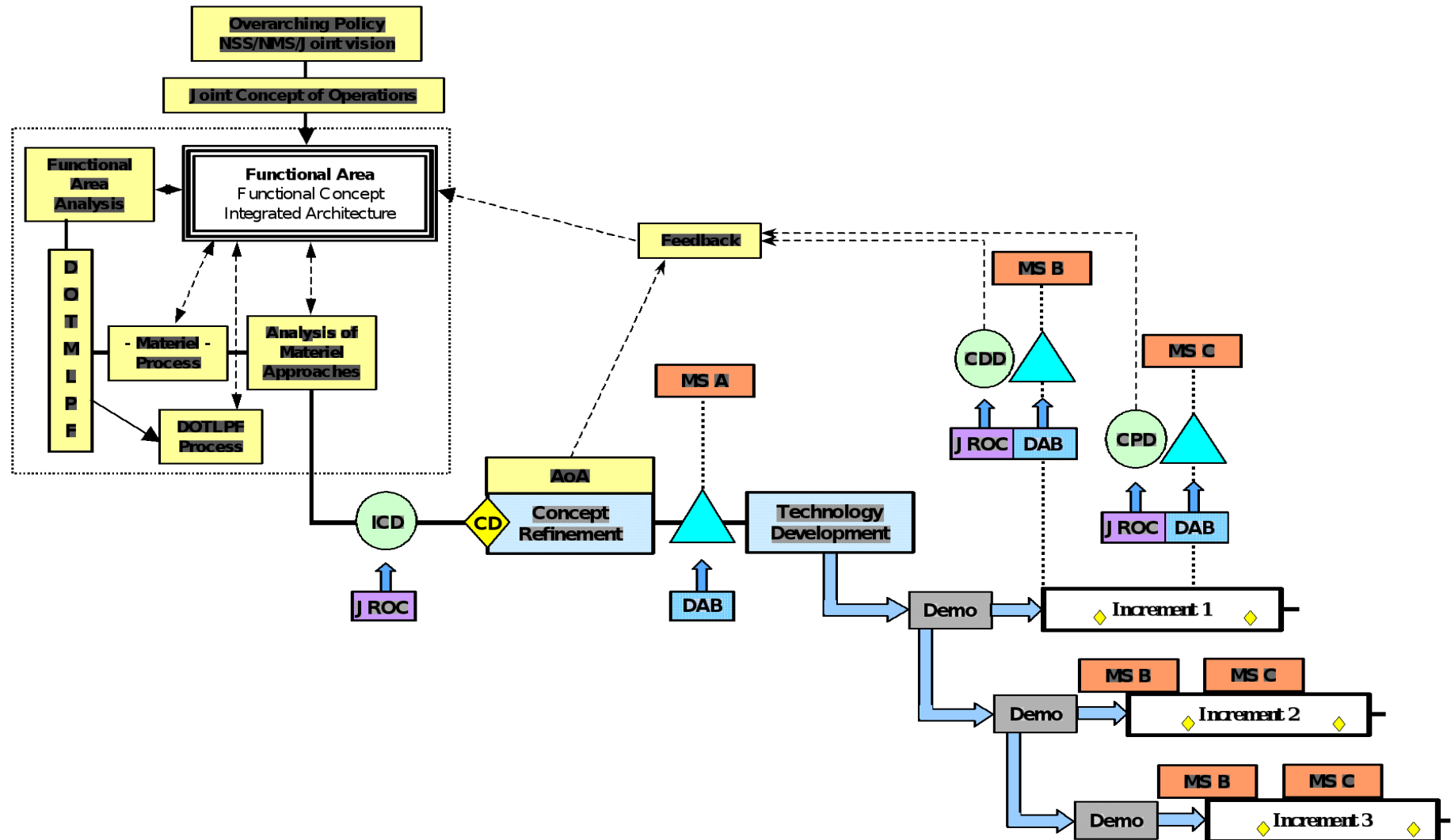


Defense Acquisition Framework





Requirements and Acquisition Process





Approaches

- Evolutionary Acquisition
 - Preferred DoD strategy for rapid acquisition
 - Delivers capability in increments w/future capability improvements
 - Consistent and continuous definition of requirements
 - Disciplined development and production system
 - Collaboration with users, testers, developers
- Spiral Development
 - Desired capability is identified – end-state requirements are not known at program initiation
 - Requirements refined through demonstration and risk management
 - Continuous users feedback; increments provide user best possible capability
 - Future increments dependent on user feedback and technology maturity
- Incremental Development
 - Desired capability is identified; end-state known and requirement met over time by developing several increments



Acquisition Approach cont



- ACAT III \$
- Price Based Acquisition
- Price Based Logistics – need to complete pros/cons
- Funding
 - RD&TE/APN/OMN
 - FY05 and out
- Contract info
 - Sources sought
 - Industry day



Takeaways



- Finalize source sought draft
- Top level acquisition program plan/approach
- Top level acquisition program schedule
- IPT structure/Org chart
- Roles and responsibilities (actions)



Sources Sought



- 1 Jul - Final Draft
- 12 Jul - Front Office Chop
- 13 Jul - Issue market survey
- 13 Aug - Market survey complete
- 26 Aug - Industry/Information Exchange Day
- 13 Sep - Convene Procurement Planning Conference for issuance of the MPBR RFP Study



